

Indium Corp. Indalloy 13 Indium Solder Alloy

Category : Metal , Nonferrous Metal , Indium Alloy , Solder/Braze Alloy

Material Notes:

Information Provided by Indium Corporation

Order this product through the following link:

http://www.lookpolymers.com/polymer_Indium-Corp-Indalloy-13-Indium-Solder-Alloy.php

Physical Properties	Metric	English	Comments
Density	7.63 g/cc	0.276 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Brinell	4.0	4.0	
Tensile Strength at Break	10.18 MPa	1476 psi	
Shear Strength	13.8 MPa	2000 psi	

Thermal Properties	Metric	English	Comments
CTE, linear	27.0 $\mu\text{m}/\text{m}\cdot\text{Å}^\circ\text{C}$	15.0 $\mu\text{in}/\text{in}\cdot\text{Å}^\circ\text{F}$	
	@Temperature 20.0 $\text{Å}^\circ\text{C}$	@Temperature 68.0 $\text{Å}^\circ\text{F}$	
Thermal Conductivity	39.0 W/m-K	271 BTU-in/hr-ft ² - $\text{Å}^\circ\text{F}$	
	@Temperature 85.0 $\text{Å}^\circ\text{C}$	@Temperature 185 $\text{Å}^\circ\text{F}$	
Melting Point	125 $\text{Å}^\circ\text{C}$	257 $\text{Å}^\circ\text{F}$	
Solidus	125 $\text{Å}^\circ\text{C}$	257 $\text{Å}^\circ\text{F}$	
Liquidus	125 $\text{Å}^\circ\text{C}$	257 $\text{Å}^\circ\text{F}$	

Component Elements Properties	Metric	English	Comments
Cadmium, Cd	5.4 %	5.4 %	
Indium, In	70 %	70 %	
Lead, Pb	9.6 %	9.6 %	
Tin, Sn	15 %	15 %	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China